TTSIM-1 Sensor Interface Module

nVent RAYCHEM TraceTek TTSIM-1 is a sensor interface module with capacity to monitor up to 1500 m (5000 ft) of sensor cable. It can communicate details of leaks to a variety host monitoring systems including a TraceTek TTDM-128, TT-TS12, a PLC, DCS or Building Management System using standard protocols. It is well suited to applications where large areas are being monitored, or long sensor circuit lengths are required. Available in 24 Vac 50/60 Hz or 12 or 24 Vdc..

FEATURES

- Easy to install (DIN rail mounted), simple to set up and operate
- Enclosures available for stand-alone indoor or outdoor installations
- LEDs indicate power, status and communication
- Simple twisted pair serial RS-485 communications up to 1200m (4000ft) with automatic protocol selection (MODBUS, Opto 22 and Metasys)
- Special leak detection algorithms provide enhanced capability for difficult applications

SPECIFICATIONS

Depth:	58 mm
Width:	70 mm
Height:	86 mm
Operating Temperature:	0 – 50 °C

Table 1/1

Catalog Number	Item Name	Supply Voltage	Supply Voltage Type
P000000905	TTSIM-1-24VDC	24 V	DC
P000000898	TTSIM-1-12VDC	12 V	DC
518125-000	TTSIM-1	24 V	AC

WARNING

nVent products shall be installed and used only as indicated in nVent's product instruction sheets and training materials. Instruction sheets are available at www.nvent.com and from your nVent customer service representative. Improper installation, misuse, misapplication or other failure to completely follow nVent's instructions and warnings may cause product malfunction, property damage, serious bodily injury and death and/or void your warranty.

North America
Tel +1.800.545.6258
Fax +1.800.527.5703
thermal.info@nvent.com

Europe, Middle East, Africa
Tel +32.16.213.511
Fax +32.16.213.604
thermal.info@nvent.com

Asia Pacific
Tel +86.21.2412.1688
Fax +86.21.5426.3167
cn.thermal.info@nvent.com

Latin America
Tel +1.713.868.4800
Fax +1.713.868.2333
thermal.info@nvent.com

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